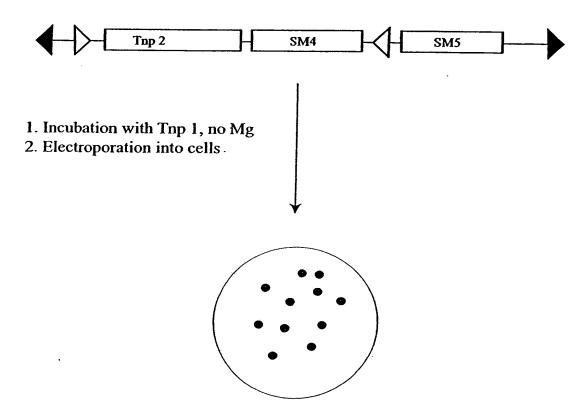


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Chromosomal insertion of transposon via co-delivery.



Select chromosomal inserts on SM4 + SM5

$$= ME$$

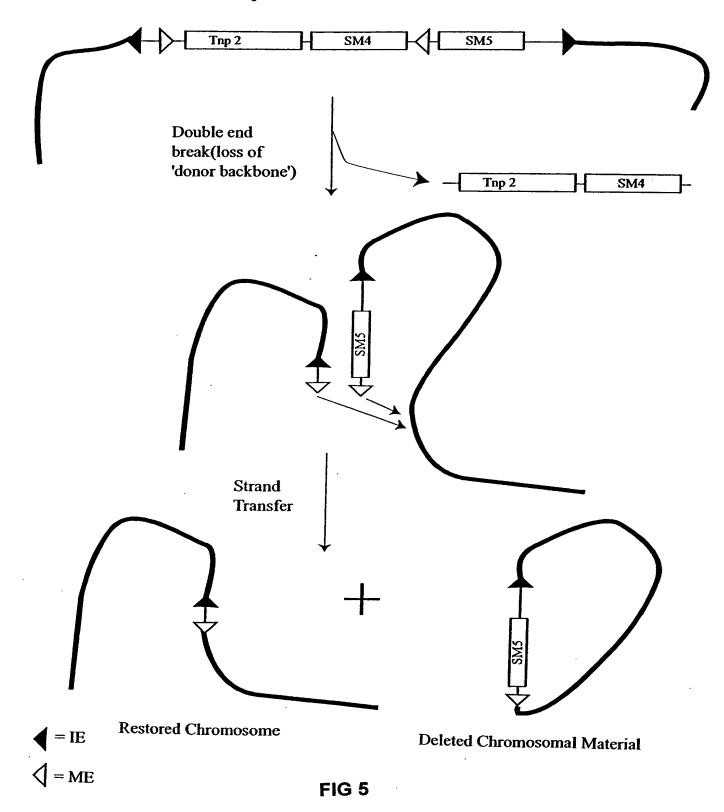
DOUBLE TRANSPOSITION METHODS FOR MANIPULATING NUCLEIC ACIDS

Inventors: Igor Yu Goryshin/Todd A. Naumann/William S. Reznikoff

Application No.:
Docket Number: 960296.;97541

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In vivo transposition.

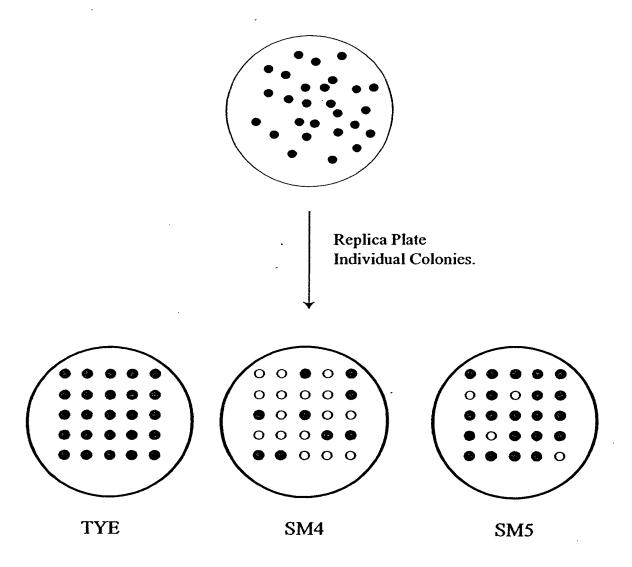


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Screen for chromosomal deletions.



 $SM4^r + SM5^r = No transposition$

SM4 + SM5 = Transposition event: Inversion or 'wrong' deletion

SM4 + SM5 = Transposition event: Deletion

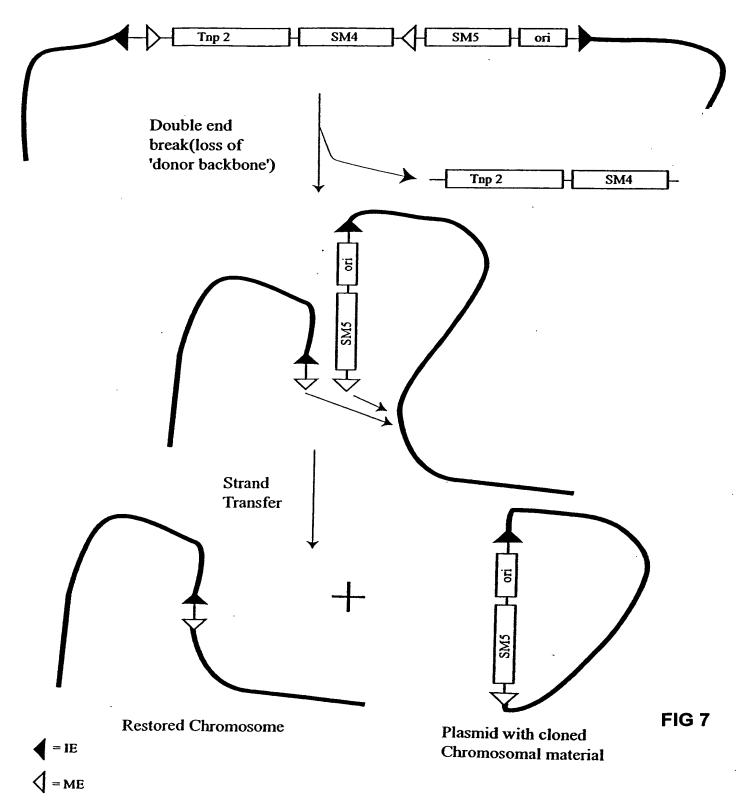
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Direct cloning of chromosomal DNA.



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Insertion of DNA and removal of drug marker.

